

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03L7/085 H03L7/089 H03L7/191

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H03L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 502 631 A (TEKTRONIX INC) 9 September 1992 (1992-09-09) the whole document	1,2,4-6
A	US 5 663 688 A (PAILLARDET FREDERIC ET AL) 2 September 1997 (1997-09-02) column 4, line 20 - column 7, line 39; figures 3,7,8	1-12
A	US 5 432 481 A (SAITO TOSHITADA) 11 July 1995 (1995-07-11) abstract; figure 1	1-12
A	US 6 337 891 B1 (KIM JOO YONG) 8 January 2002 (2002-01-08) abstract; figures 1,2	1
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

8 March 2005

Date of mailing of the international search report

16/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Boudet, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/014844

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